

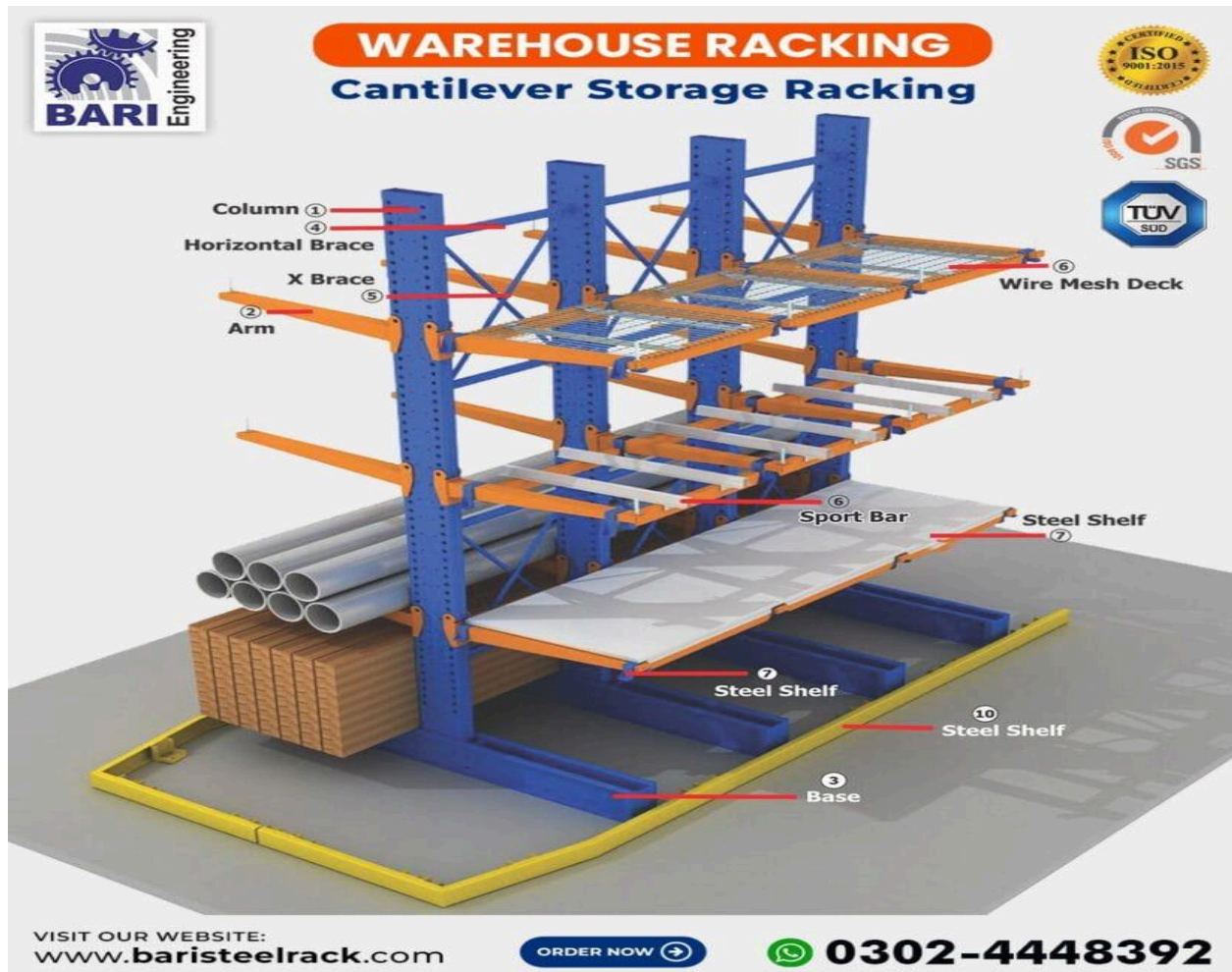
# Maximize Storage with Bari Cantilever Racks Today

In the world of industrial storage, not all shelving solutions are created equal. When it comes to storing long, bulky, or oddly shaped materials like pipes, lumber, metal bars, or sheets, traditional shelving systems simply fall short. That's where **heavy duty cantilever racks** from **Bari Engineering** come in offering strength, accessibility, and optimal organization for heavy-duty storage needs.

## What Are Heavy Duty Cantilever Racks?

[Heavy duty cantilever racks](#) are specialized storage systems designed to support and organize long or irregularly shaped items that cannot be stored on traditional pallet racks. Unlike standard shelving units, cantilever racks use horizontal arms that extend from a vertical column, creating open storage levels with no vertical obstructions.

This design makes it easy to load and unload materials using forklifts or manually, making cantilever racks the go-to solution for warehouses, lumberyards, steel distribution centers, and manufacturing facilities.



## Why Choose Bari Engineering's Cantilever Racks?

### Engineered for Strength and Stability

At Bari Engineering, our cantilever racks are built from high-grade structural steel to support heavy loads with complete safety. Each unit is engineered to handle maximum weight while resisting bending, sagging, or tipping. Whether you're storing wood planks or steel tubing, our systems are up to the task.

### Customizable for Your Specific Needs

Every facility is different, and so are your storage needs. Our cantilever racks are highly customizable in terms of height, arm length, load capacity, and configuration. Whether you need a single-sided rack to place against a wall or a double-sided unit for central access, Bari Engineering provides tailored solutions to fit your operational workflow.

## **Easy Access and Material Handling**

One of the major benefits of cantilever racking is the open design. With no vertical columns obstructing the front, you can quickly load and retrieve items with minimal handling time. This makes inventory management faster and reduces the risk of damage.

## **Applications of Heavy Duty Cantilever Racks**

### **Lumber and Wood Storage**

Lumberyards and construction supply companies frequently use cantilever racks to store wood boards, plywood sheets, beams, and moldings. Adjustable arms allow for stacking wood of various lengths and sizes safely.

### **Metal and Pipe Storage**

Warehouses that deal with heavy metal bars, tubes, or sheets benefit greatly from our heavy-duty racks. The open-front design allows for safe loading using cranes or forklifts.

### **Furniture and Upholstery Materials**

Manufacturers of sofas, mattresses, and furniture components use cantilever racking to store long foam rolls, frames, and fabric bolts. The flexibility in spacing ensures even delicate items are stored securely.

### **Automotive and Aerospace Industries**

Cantilever racks are ideal for storing exhaust pipes, bumpers, and aircraft components. These industries need safe, organized access to parts of varying dimensions and our systems deliver just that.

## **Key Features of Bari Engineering's Heavy Duty Cantilever Racks**

### **High Load Capacity**

Our racks are designed to support substantial loads per arm, accommodating industrial-grade materials with ease. Optional welded steel arms are available for extremely heavy items.

### **Modular Design**

Start with a basic setup and expand as your storage needs grow. Our modular systems let you add additional arms, bases, and columns without overhauling your entire system.

## **Corrosion-Resistant Finishes**

We offer powder-coated or galvanized finishes that protect against rust and corrosion, especially important for outdoor or humid environments.

## **Safety Accessories**

Choose from options like end-stoppers, brace kits, and safety pins to keep materials securely in place during storage and retrieval.

# **How to Choose the Right Cantilever Rack System**

## **1. Identify Your Material Type**

Measure the length, weight, and type of items you plan to store. This helps determine the rack height, arm length, and weight capacity required.

## **2. Choose Single or Double-Sided Racks**

Single-sided racks are ideal for wall placement, while double-sided racks provide access from both sides and are suitable for larger warehouse spaces.

## **3. Determine Indoor or Outdoor Use**

For outdoor environments, opt for galvanized steel or treated finishes to prevent corrosion and ensure longevity.

## **4. Plan for Accessibility**

Ensure that your aisles are wide enough for forklifts or other handling equipment. The more accessible your storage, the more efficient your workflow.

# **Industries That Rely on Bari Engineering's Cantilever Racks**

- **Construction**
- **Manufacturing**
- **Metal Fabrication**
- **Lumber and Timber**

- **Plumbing and HVAC Supply**
- **Retail Warehousing**

Our team works closely with clients across these industries to deliver rack systems that improve safety, maximize space, and streamline operations.

## **FAQ: Heavy Duty Cantilever Racks by Bari Engineering**

### **What is the load capacity of your cantilever racks?**

Our heavy duty cantilever racks can support up to several thousand kilograms per arm, depending on the specific model and configuration. Custom load capacities are also available.

### **Are your racks suitable for outdoor storage?**

Yes, we offer galvanized and powder-coated options that are resistant to rust and corrosion, making them suitable for outdoor environments.

### **Can I customize the size and configuration?**

Absolutely. You can customize height, arm length, base depth, number of arms, and more. Our team will work with you to design a solution tailored to your storage needs.

### **Do you offer installation services?**

Yes, Bari Engineering provides full-service support, including delivery, installation, and post-installation inspection for safety compliance.

### **Can I expand my existing cantilever rack system?**

Yes. Thanks to our modular designs, you can easily expand your current system by adding extra columns or arms.

### **How do I maintain the racks?**

Regular visual inspections for damage, proper load distribution, and cleaning are all that's typically required. For outdoor racks, occasional rust prevention checks are recommended.

## **Final Thoughts**

When it comes to storing long, heavy, or awkwardly shaped materials, **heavy duty cantilever racks** are the gold standard in industrial storage solutions. With unmatched strength, flexibility, and efficiency, these racks can revolutionize your facility's organization and workflow.

At [Bari Engineering](#), we combine engineering excellence with top-quality materials to deliver cantilever racks that stand the test of time. Whether you need a single custom unit or a large-scale installation, we're here to help you optimize your storage space safely and smartly.